

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER

Mail Stop PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number **2 1 8 3 9**

Sir:

Enclosed for filing is the utility patent application entitled:

SPRAY AND/OR SOIL TREATMENT OF TOBACCO TO REDUCE TSNAs

by the following named inventor(s):

Qinglin Li, Walter P. Hempfling and Marc R. Krauss

☒ Applicant(s) suggests Figure 1 for inclusion on the front page of the patent application publication and patent.

☒ Applicant(s) requests that the published application include the following assignment information:  
PHILIP MORRIS USA INC.

☐ Small entity status is claimed.

Also enclosed are:

**DRAWINGS:** 3 sheets of formal drawings        sheets of informal drawings

**DECLARATION:** ☐ will follow ☐ executed, is enclosed ☒ unexecuted, is enclosed

**ASSIGNMENT:** ☐ is enclosed ☒ will follow

**CLAIM FOR  
PRIORITY  
UNDER 35 U.S.  
C. § 119 and/or  
365:**

☒ is made in the declaration ☐ is hereby made as follows

Country	Appl. No.	Filing Date DD-MM-YYYY
USA	60/443,848	31-01-2003

☐ certified copy(ies) enclosed ☐ certified copy(ies) will follow

**OTHER PAPERS:** ☐ a General Authorization for Petitions for Extensions of Time and Payment of Fees

☐ an Information Disclosure Statement

☐ an Application Data Sheet (ADS)

☐ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee (1001)					\$ 770.00
Total Claims	52	MINUS 20 =	32	x \$18.00 (1202) =	\$ 576.00
Independent Claims	6	MINUS 3 =	3	x \$86.00 (1201) =	\$ 258.00
If multiple dependent claims are presented, add \$290.00 (1203)					
Total Application Fee					\$ 1,604.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee					\$ 0.00
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed.					
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 1,604.00</b>

☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

☒ Charge \$ 1,604.00 to Deposit Account No. 02-4800 for the fee due.

☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Please address all correspondence concerning this application to:

Burns, Doane, Swecker & Mathis, L.L.P.  
Customer Number **2 1 8 3 9**  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

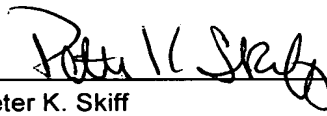
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Filed: January 30, 2004

By

  
Peter K. Skiff  
Registration No. 31,917